

A Pulsed Magnetohydrodynamic Generator with a
Superconducting Magnetic System, by
V. A. Kirillin, A. E. Sheindlin.
RUSSIA, per, Doklady Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 77-80.
Am Inst Phys
Vol 12, No 11, May 1968

Jun 68

356,479

Gas-Kinetic Analysis of the Thermal Slip Velocity
of a Gas near a Solid Surface, by Yu. I. Yalamov,
I. N. Ivchenko.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 74-76.
Am Inst Phys
Vol 12, No 11, May 1968

Jun 68

356,474

Fast Electrons and X-Ray Radiation during the
Initial Stage of Growth of a Pulsed Spark Dis-
charge in Air, by Yu. L. Stankevich and V. G.
Kalinin.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 72-73.
Am Inst Phys
Vol 12, No 11, May 1968

Jun 68

356,473

Vacuum Quantum Fluctuations in Curved Space and
the Theory of Gravitation, by A. D. Sakharov.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 70-71.
Am Inst Phys
Vol 12, No 11, May 1968

Jun 68

356,472

Negative Photomechanical Effect in Cadmium Sulfide, by V. A. Drozdov, L. A. Mozgovaya.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 68-69.
Am Inst Phys
Vol 12, No 11, May 1968

Jun 68

356,471

The Clebsch-Gordan Coefficients of Symmetric
Representations of the Groups SU_n , by
S. I. Alishauskas and A. P. Yutsis.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 177, No
1, 1967, pp 61-64.
Am Inst Phys
Vol 12, No 11, May 1968

Jun 68

356,464

Holography without a Reference Beam, by
V. V. Aristov, V. L. Broude.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 65-67.
Am Inst Phys
Vol 12, No 11, May 1968

Jun 68

356,470

Metal Fatigue, by T. B. Larina.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 59-60.
Am Inst Phys
Vol 12, No 11, May 1968

Jun 68

356,485

Contact Problem of Elastoplasticity for Plates,
by L. A. Galin and G. Ts. Cherepanov.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 56-58.
Am Inst Phys
Vol 12, No 11, May 1968

Jun 68

356,484

Design of Invariant Communication and Measuring
Devices, by B. N. Petrov, V. A. Viktorov.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 52-55.

Am Inst Phys
Vol 12, No 11, May 1968

Jun 68

356,46?

Optimal Search for a Zero of a Function
Computed Approximately, by F. L. Cernous'ko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 48-51.
Am Math Soc
Vol 8, No 6, 1967

Nov 68

354,345

A General Singular Equation on an Open Curve
and the Generalized Abel Equation, by
S. G. Samko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 44-47.
Am Math Soc
Vol 8, No 6, 1967

Nov 68

354, 344

Inversion Formulas for the Fundamental Integral
Representation of p-Analytic Functions of
 $z = x + iy$ with Characteristic $p = x^k$, by
G. N. Polozii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 40-43.
Am Math Soc
Vol 8, No 6, 1967

Nov 68

354,343

Local Theory of Relaxation for Nonlinear
Equations, by G. D. Maistrovskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 37-39.
Am Math Soc
Vol 8, No 6, 1967

Nov 68

354,342

Some Theorems on the Ind Dimension, by
I. K. Lifanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 33-36.
Am Math Soc
Vol 8, No 6, 1967

Nov 68

354,341

Certain Relations Among the Properties of
Constructive Functions and Operators from
Quasenumbers into Quasenumbers, by B. A. Kusner.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 29-32.
Am Math Soc
Vol 8, No 6, 1967

Nov 68

354,340

Fundamental Systems of Laplace Operator
Functions in an Arbitrary Domain and an
Asymptotic Estimate of the Fundamental
Numbers, by V. A. Il'in.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177
No 1, 1967, pp 25-28.
Am Math Soc
Vol 8, No 6, 1967

Nov 68

354,339

Successive Approximations for Finding Saddle
Points, by V. F. Demjanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 21-24.
Am Math Soc
Vol 8, No 6, 1967

Nov 68

354,338

Representations of the Groups of Quaternions
Over a Disconnected Locally Compact Continuous
Field, by I. M. Gel'fand, M. I. Graev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 17-20.
Am Math Soc
Vol 8, No 6, 1967

Nov 68

354,337

Algorithmic Problems for Certain Classes of
Quasigroups, by A. A. Gvaramija, M. M. Gluhov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 14-16.
Am Math Soc
Vol 8, No 6, 1967

Nov 68

354,336

Example of a Harmonic Function Bounded Outside
of a Solid of Revolution and Increasing Inside,
by I. S. Arson, M. A. Pak.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 1, 1967, pp 11-13.
Am Math Soc
Vol 8, No 6, 1967

Nov 68

354,335

Interaction Between Tributyrin, Dipeptide, and
Sucrose During Hydrolysis by the Intestinal
Mucosa, by N. M. Timofeeva & N. N. Iezuitova,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1451-1454.

CB

Jul 68

360,379

Incorporation of P³²-Orthophosphate into Acid-Soluble Rat and Guinea Pig Liver Nucleotides in Vivo, by V. I. Zhivkov.

RUSSIA!, per, Dok Ak Nauk SSSR, Vol 176, No 6, Oct 1967, pp 1448-1450.

CB

Jul 68

360,378

Nov 68

354,339

Tissue Respiration in Various Parts of the Portal Circulation of the Mammalian Pituitary, by

I. G. Akmaev & M. G. Khovanskaya.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1445-1447.

CB

Jul 68

360,377

Formation of Swimming Limbs in the Genus Calanus
(Copepoda) and Latitudinal Zonality, by

K. A. Brodskii.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1441-1444.

CB

Jul 68

360,382

Fractionation of Protochlorophyllide-Containing
Particles of Chloroplasts of Green Barley Leaves,
by A. A. Shlyk, G. E. Savchenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1437-1440.

CB

Jul 68

361,070

Effect of Certain Physicochemical Factors on the
Biosynthesis of Vitamin B₁₂ and Porphyrins in
Suspensions of Resting *Propionibacterium shermanii*,
by V. Ya. Bykhoverskii, N. I. Zaitseva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1435-1436.
CB

Jul 68

361,069

Oxidation of Antimonite by a New Culture of
Thione Bacteria, by N. N. Lyalikova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1432-1434.
CB

Jul 68

360,363

Consumption of Food as a Function of Body Weight
in Crustaceans, by L. M. Sushchenya &
N. N. Khmeleva.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1428-1431.

CB

Jul 68

360,333

Ecology of the Infusoria in the Mesopsammon of
the Western Shores of the Caspian Sea, by
F. G. Agamaliev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1425-1427.

CB

Jul 68

360,332

Rate of Spontaneous Mutation in *Bacillus subtilis*
Strain with Disturbed Recombination Ability, by
A. A. Prozorov & B. I. Barabanshchikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1422-1424.
CB

Jul 68

360,349

Inhibition of Transformation of *Bacillus subtilis*
by Homologous and Heterologous DNA, by
A. P. Pekhov & L. G. Stolyarova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1419-1421.
CB

Jul 68

360,348

Yeast Mutant Supersensitive to Ultraviolet Light,
by I. A. Zakharov & T. N. Kozhina.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1417-1418.

CB

Jul 68

360,347

Diurnal Change in Luminescence of Mouse Cornea
Epithelium, by I. I. Orlova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1415-1416.

CB

Jul 68

360,356

Quantitative Analysis of the Distribution of
Proteins Labeled with H^3 -Lysine in Chromosomes
at Different Stages of the Mitotic Cycle, by
L. Ya. Levina & I. M. Shapiro.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1411-1414.
CB

Jul 68

360,330

Infrared Spectroscopic Study of the Antioxidant Activity of Inhibitors of the Thermal Oxidation of Sodium-Butadiene Rubber, by T. N. Pliev and V. N. Poletova
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6, Oct 1967, pp 1363-1366.
CB

Aug 68

362,065

Determination of the Strength of Congress
during Combined Destruction by Compression and
Tension, by A. I. Markov and N. V. Mikhailov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1359-1362.

CB

Aug 68

362,064

Kinetics of the Acid-Catalyzed Decomposition of
Cumyl Hydroperoxide in Benzene, by V. A. Shushunov
& V. P. Maslennikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
1967, pp 1355-1358.
CB

June 68

359,405

Interpretation of Mass Spectra in High Temperature
Thermodynamic Studies, by L. N. Sidorov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
1967, pp 1351-1354.
CB

June 68

359,404

Polymerization of Ethylene with Catalyst Systems
Based on Pyridine Complexes of High-Valent
Vanadium Compounds, by A. D. Pomogailo &
P. E. Matkovskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
1967, pp 1347-1350.
CB

June 68

359,403

Analytic Solution of the Simplest Nonstationary
Problem of Nonadiabatic Heat Elast, by

A. G. Merzhanov & Yu. M. Grigor'ev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
1967, pp 1344-1346.

CB

June 68

359,402

Anomalies in the Rheological Behavior of Oligomers,
by Yu. S. Lipatov & Yu. N. Panov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
1967, pp 1341-1343.

CB

June 68

359,401

Heat of Hydrolysis of the Pyrophosphinate Bond,
by G. M. Kosolapoff & Kh. G. Kerksei.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
1967, pp 1339-1340.

CB

June 68

359,400

Thermodynamic Properties of Thallium Monoselenide,
by V. P. Vasil'ev & A. V. Nikol'skaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
1967, pp 1335-1338.

CB

June 68

359,399

Catalytic Properties of Group IV Metal Oxides
and the Bond Energy of Oxygen in the Surface
Layer, by G. K. Boreskov & V. A. Sazonov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
1967, pp 1331-1334.
CB

June 68

359,398

On the Electrical Charging of Cloud Droplets and
Fog Droplets by Diffusion, by N. S. Siskin.
RUSSIAN, per, Dok An SSSR, Vol. 176, 1967,
pp 1288-1291.
NLL Ref: 5828.4F (M.7489)

Sci/Atmos
May 69

380,276

Variation of Area of Contact of Solids on Coming
into Extremely Close Proximity, by N. M. Mikhin
& I. V. Kragel'skii.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1285-1287.

Am Inst Phys
Vol 12, No 10, Apr 1968

May 1968

356,747

Some Magnetic Properties of Thin Single-Crystal
Films of Alloys of The Fe-Ni-Co System, by
L. V. Kirenskii & S. G. Rusova,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1282-1284.
Am Inst Phys
Vol 12, No 10, Apr 1968

May 1968

356,746

Plasma Ionization Instability in Crossed Fields,
by I. Ya. Shipuk & S. V. Pashkin,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 176, No 6,
Oct 1967, pp 1278-1281.
Am Inst Phys
Vol 12, No 10, Apr 1968

May 1968

356,741

Electron-Microscopic Examination of Chromium
and Molybdenum Deformed Under High Pressure,
by E. D. Martynov & V. I. Trefilov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1276-1277.
Am Inst Phys
Vol 12, No 10, Apr 1968

May 1968

356,740

Possibility of Obtaining Holograms Using a Reference Beam Whose Wavelength Differs from the Wavelength of the Light Scattered by an Object, by Yu. N. Denisyuk & D. I. Stasel'ko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1274-1275.
Am Inst Phys
Vol 12, No 10, Apr 1968

May 1968

356,739

Initial Stages of Two-Dimensional Nonstationary
Gas Flow, by I. N. Goryshkova & K. P. Stanyukovich,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 6,
Oct 1967, pp 1270-1273.
Am Inst Phys
Vol 12, No 10, Apr 1968

May 1968

356,731

On the Description of Generalized Extensions,
with One-Dimensional Imaginary Component,
of the Differentiation Operator without a
Spectrum, by E. R. Cekanovskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 6, 1967, pp 1266-1269.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,334

A Theorem of Ljapunov Type, by M. M. Hapaev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 6, 1967, pp 1262-1265.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,333

Homotopy of Knot Complements, by
A. B. Sosinskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 6, 1967, pp 1258-1261.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,332

Convolution Operators in Cones, by
I. B. Simonenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 6, 1967, pp 1255-1257.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,331

Interpolation of Linear Operators and Estimates
of Fourier Coefficients, by E. M. Semenov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 6, 1967, pp 1251-1254.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,330

On the Order of Growth of the Lebesgue Functions
of Bounded Orthonormal Systems, by

A. M. Olevskii.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 6, 1967, pp 1247-1250.

Am Math Soc

Vol 8, No 5, 1967

Nov 68

354,329

On an Estimate of the Deficiency of a Space,
by A. Lelek.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 6, 1967, pp 1244-1246.

Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,328

Periodic Solutions of a Class of Differential Equations with Hysteretic Nonlinearity, by

Ju. S. Kolesov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 6, 1967, pp 1240-1243.

Am Math Soc

Vol 8, No 5, 1967

Nov 68

354,327

Selfadjoint Extensions of Certain Singular
Partial Differential Operators, by
I. A. Kiprijanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 6, 1967, pp 1236-1239.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,326

A Method for Producing New Fixed Point
Theorems, by P. P. Zabreiko,
M. A. Krasnosel'skii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 6, 1967, pp 1233-1235.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,325

The Appearance of Discontinuities in the
Continuation of Solutions of Nonlinear Mixed
Problems for the String Equation, by
V. N. Gol'dberg.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 6, 1967, pp 1229-1232.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,324

The Existence of Best Approximations of
Functions by Sums of a Finite Number of Plane
Waves of Given Direction in the L_p Metric, by
B. A. Vostrecov, A. V. Ignat'eva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 6, 1967, pp 1225-1228.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,323

Interpolation of Functions Regular on Closed
Sets, by V. A. Baranova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 6, 1967, pp 1221-1224.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,322

Integral Representations of Functions Holomorphic in Convex Multicircular Domains, and Taylor's Formula, by I. I. Bavrin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 6, 1967, pp 1217-1220.
Am Math Soc
Vol 8, No 5, 1967

354,321

Nov 68

The Generalized Riemann Equation in the Theory
of Dirichlet Series, by E. A. Anfert'eva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 6, 1967, pp 1215-1216.
Am Math Soc
Vol 8, No 5, 1967

354,320

Nov 68

Corpora Allata of Some Silkworms as Depots of
Neurosecretory Material from A¹-Cells, by
A. A. Panov & O. K. Basurmanova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1205-1207.

CB

360,338

Jul 68

Reciprocal Form-Determining Effects of Artificially
Approximated Neural Tubes of Amphibian Embryos, by
L. V. Belousov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1201-1204.
CB

360,337

Jul 68

Cytometric and Karyometric Investigations on the
Blastocyst of the Mole (Talpa altaica) During
the Period of Delayed Implantation, by
Yu. B. Baevskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1198-1200.
CB

Jul 68

360,336

Late Surface-Negative Waves as Indication of
Well-Reinforced Positive Conditioned Reflexes
in Dogs, by G. T. Sakhulina & E. V. Lyubchinskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1195-1197.

CB

Jul 68

360,376

Heterotopic Commissural Connections of Area 17
in Cats, by F. N. Makarov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1192-1194.

CB

360,375

Jul 68

Measuring Variation in the Duration of the
Mitotic Cycle in Mammalian Tissues, by
G. P. Gruzdev & G. M. Svishchev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1188-1191.

CB

Jul 68

360,374

Content and Intensity of Metabolism of Plasmalogens
in Rat Brain, by S. V. Gasteva & V. Ya. Dvorkin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1185-1187.

CB

Jul 68

360,373

Tissue Resources Active in Restoring X-Ray
Depressed Limb Regenerative Capacity in the
Axolotl, by S. Ya. Tuchkova,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1181-1184.
CB

360,367

Jul 68

Tissue Resources Active in Restoring X-Ray
Depressed Limb Regenerative Capacity in the
Axolotl, by S. Ya. Tuchkova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1181-1184.
CB

Jul 68

360,343

Photochemical Activity of the Chloroplasts
in the Presence of an Iron Deficiency in
Plants, by L. K. Ostrovskaya and N. A. Zaitseva,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1178-1180.

CB

Aug 68

362,083

Depolymerization of Eremuran During the Process
of its Isolation and the Shape of its Macro-
molecules, by A. A. Kuznetsov, B. N. Stepanenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1174-1177.

CB

Jul 68

361,068

Inactivation of "Stem" Cells Following the
Contact Between Genetically Incompatible Cell
Suspensions from Lymphoid Tissues, by R. V. Petrov
& L. S. Seslavina.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1170-1173.

CB

Jul 68

360,359

Nodule Forming Bacteria of Tetraploid Clover,
by L. I. Rubenchik & O. I. Bershova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1168-1169.
CB

Jul 68

360,362

Further Investigations of the Decomposition of
Benz(A)pyrene by Soil Bacteria, by
M. N. Poglazova & G. E. Fedoseeva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1165-1167.
CB

Jul 68

360,361

Submicroscopical and Some Biochemical Changes
in Experimentally Dystrophied Rat Liver, by
B. Aliev & V. V. Korkhov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1163-1164.
CB

Jul 68

360,329

Radiolysis of Alkaline Solutions of Carbon
Monoxide, by O. F. Khodzhaev & A. K. Pikaev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
1967, pp 1120-1122.
CB

June 68

359,397

Nature of the Autoacceleration in the Hydrolytic
Polymerization of ϵ -Caprolactam, by
O. B. Salamatina & A. K. Boneskaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
1967, pp 1117-1119.
CB

June 68

359,396

A Differential Chromatographic Method of Investigating the Kinetics of Catalytic Reactions, by
S. Z. Roginskii & R. R. Aliev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
1967, pp 1114-1116.
CB

June 68

359,395

Dependence of Threshold Electrolyte Concentration
on the Dimensions of Colloid Particles, by
V. M. Muller & B. V. Deryagin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 176, No 5,
1967, pp 1111-1113.
CB

June 68

359,394

Role of the Hydrogen Bond in the Mechanism of
the Acylation of Arylamines, Catalyzed by
Carboxylic Acid, by L. M. Litvinenko &
G. V. Semenyuk.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
1967, pp 1107-1110.

CB

June 68

359,393

Photosorption of Oxygen on Magnesium Oxide, by
A. A. Lisachenko & F. I. Vilesov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
1967, pp 1103-1106.

CB

June 68

359,392

Effect of Crosslinking on Diffusion Phenomena
in Blend Systems and in Adhesion Joints, by
L. Yu. Zlatkevich & V. G. Nikol'skii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
1967, pp 1100-1102.
CB

June 68

359,391

Mechanism of the Antiferro-Ferromagnetic Transition
in the System of Ordered Alloys $Fe(Pd_xPt_{1-x})_3$, by
V. V. Klyushin & V. V. Kelarev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1056-1058.
Am Inst Phys
Vol 12, No 10, Apr 1968

May 1968

356,745

Electron-Microscopic Study of the Spatial
Distribution of Nucleated Precipitation Phase
in Aging of Cu-Be and Ni-Be Alloys, by
A. V. Gavrilova & Yu. D. Tyapkin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1052-1055.
Am Inst Phys
Vol 12, No 10, Apr 1968

May 1968

356,744

A Uniform Axisymmetrical Cosmological Model in
the Ultrarelativistic Case, by I. S. Shikin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1048-1051.
Am Inst Phys
Vol 12, No 10, Apr 1968

May 1968

356,738

X-Ray Diffraction Study of ZnF₂ At Pressures
Up to 130 kbar and at Temperatures of 25 and
300°, by S. S. Kabalkina & L. F. Vereshchagin,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1044-1047.

Am Inst Phys
Vol 12, No 10, Apr 1963

May 1968

356,737

Flow of Solid Plastic Disperse Systems Based on
Polydimethylsiloxanes Under Minimum Shear Stresses,
by A. A. Trapeznikov & T. I. Zatsepina.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
1967, pp 143-146.
CB

June 68

359,367

Mechanism of Formation of Hydrocarbon Impurities
on Surfaces Irradiated by a Narrow Electron Beam,
by G.I. S. Zhdanov & V. N. Vertsner.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1040-1043.
Am Inst Phys
Vol 12, No 10, Apr 1968

May 1968

356,736

Dissipative Function in the Theory of Plastic Media, by D. D. Ivlev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
Oct 1967, pp 1037-1039.

Am Inst Phys
Vol 12, No 10, Apr 1968

May 1968

356,748

The Differential Equations for the Filtration of
a Gas - Liquid System Taking Account of Mass
Transfer of Residual Water, by A. Kh. Mirzadzhanyan
& Z. M. Akhtedov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176, No 5,
May 1967, pp 1035-1036.
Am Inst Phys
Vol 12, No 10, Apr 1968

May 1968

356.732

Nonisomorphism of Banach Spaces of Analytic
Functions of One Variable and of Two Variables,
by G. M. Henkin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 5, 1967, pp 1031-1034.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,319

Extremum Problems for Certain Classes of
Analytic Functions with Bounded Mean Modulus,
by V. M. Terpigoreva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 5, 1967, pp 1027-1030.
Am Math Soc
Vol 8, No 5, 1967

Nov 68

354,318